

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	15	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and "455".clas. and (gain) and drm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 11:36
L5	26	("3934204"   "4210871"   "4742563"   "4926498"   "5159707"   "5303400"   "5345602"   "5345606"   "5710995").PN. OR ("6141536").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 11:12
L6	168	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/179.1,184.1,185.1,186.1,186.2.ccls. and (gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:47
L7	167	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/161.1,161.2,161.3,165.1,166.1,166.2.ccls. and (gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:47
L8	681	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/234.1,234.2.ccls. and (gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 11:49
L9	4	6 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 11:52
L10	31	6 and 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 11:52
L11	10	("5220682"   "5349699"   "5428825"   "5428827"   "5471662"   "5548828"   "5745845").PN. OR ("6094568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 11:53
L12	13	("5050234"   "5404588"   "5428825"   "5493711").PN. OR ("5745845").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/04 11:58

## EAST Search History

L13	4	7 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:19
L14	877	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/161.1,161.2,161.3,165.1,166. 1,166.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:47
L15	877	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/161.1,161.2,161.3,165.1,166. 1,166.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:47
L16	1680	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/179.1,184.1,185.1,186.1,186. 2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:47
L17	234	15 and 16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:48
L18	123	17 and (gain or power)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:52
L19	31	17 and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:52

## EAST Search History

L13	4	7 and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 12:19
S1	0	"0558918"	EPO	OR	ON	2006/09/20 11:47
S2	1	"558918"	EPO	OR	ON	2006/09/20 13:13
S3	0	"5222254".pn.	EPO	OR	ON	2006/09/20 13:13
S4	0	"5222254"	EPO	OR	ON	2006/09/20 13:13
S5	0	"5222254"	EPO	OR	ON	2006/09/20 13:13
S6	4352	serge.in.	EPO	OR	ON	2006/09/20 13:14
S7	1	(verron adj serge).in.	EPO	OR	ON	2006/09/20 13:15
S8	1	(verron near1 serge).in.	EPO	OR	ON	2006/09/20 15:21
S9	0	(monitor\$4 near3 (signal or frequenc\$4 or channel)) and (AGC or gain) and FM and DRM	EPO	OR	ON	2006/09/25 08:20
S10	0	(monitor\$4 near3 (signal or frequenc\$4 or channel)) and (AGC or gain) and FM	EPO	OR	ON	2006/09/20 13:28
S11	6	(monitor\$4 near3 (signal or frequenc\$4 or channel)) and (AGC or gain) and FM and DRM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 16:08
S12	8	(monitor\$4 near4 (signal or frequenc\$4 or channel)near3 (adjacent or alternat\$4 or next or neighbor\$4)) same (AGC or gain) and FM	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 17:58
S13	1	diversity and (same\$4 with program) and (switch\$4 with gain) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:08
S14	14	(same\$4 with program) and (switch\$4 with gain) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:08

## EAST Search History

S15	40	(same\$4 with program) and (switch\$4 with gain) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) with (channel or frequenc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:17
S16	733	(same\$4 with program) and ((switch\$4 or chang\$3) with (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) with (channel or frequenc\$4)) not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:19
S17	351	(same\$4 with program) and ((switch\$4 or chang\$3) near3 (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:19
S18	256	(same\$4 near3 program) and ((switch\$4 or chang\$3) near3 (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/20 18:20
S19	63	(same\$4 near3 program) and ((switch\$4 or chang\$3) near3 (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and gain not S15	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 15:00
S20	9	("3934204"   "4210871"   "4742563"   "4926498"   "5159707"   "5303400"   "5345602"   "5345606"   "5710995").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 11:34
S21	11	("6141536").URPN.	USPAT	OR	ON	2006/09/21 11:40
S22	40	(same\$4 with program) and (switch\$4 with gain) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) with (channel or frequenc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:57

## EAST Search History

S23	68	(same\$4 near3 program) and ((switch\$4 or chang\$3) near3 (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and gain not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:59
S24	328	RDS and AF and gain not S22 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 12:58
S25	1699	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (time near2 (slot or interval)) not S22 not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:01
S26	0	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (time near2 (slot or interval)) not S22 not S23 and (static near2 data near2 symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:02
S27	74	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (time near2 (slot or interval)) not S22 not S23 and (data near2 symbol)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:22
S28	66	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (time near2 (slot or interval)) not S22 not S23 and (data near2 symbol) and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:24
S29	180	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) with (channel or frequenc\$4) with (time near2 (slot or interval)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:26

## EAST Search History

S30	138	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (channel or frequenc\$4) with (time near2 (slot or interval)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:37
S31	2	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (gain) with (time near2 (slot or interval)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:38
S32	139	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (channel or frequenc\$4) with (time near2 (slot or interval or segment)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:39
S33	2	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (gain) with (time near2 (slot or interval or segment)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:38
S34	12	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (channel or frequenc\$4) with (time near2 (slot or interval or segment)) with (test or data or symbol) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 13:55
S35	90	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (channel or frequenc\$4) with (time near2 (duration or interval or segment)) not S22 not S23 and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:49

## EAST Search History

S36	10	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (chang\$4 or switch\$4) near3 (channel or frequenc\$4) with (time near2 (duration or interval or segment)) not S22 not S23 and radio and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 14:04
S37	17	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and time with gain not S22 not S23 and radio and broadcast\$3 and (gain near2 control\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/05 18:38
S38	1	"10539869"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 17:22
S39	2	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) with time and (time with gain) not S22 not S23 not S37 and radio with broadcast\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 14:21
S40	2	((monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) with time) and (time with gain) not S22 not S23 not S37 and (radio with broadcast\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 14:41
S41	13	"5222254"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 14:59
S42	16	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (gain near2 control) and RDS and (radio with broadcast\$4) not S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 16:17

## EAST Search History

S43	156	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (gain) and (radio with broadcast\$4) not S23 not S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:21
S44	6	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (gain) and (radio with broadcast\$4) not S23 not S42 and RDS	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 16:29
S45	150	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (gain) and (radio with broadcast\$4) not S23 not S42 not S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 17:04
S46	128	((monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) or AF) and (gain) and (radio with broadcast\$4) not S45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 17:05
S47	25	(Digital adj Radio adj Mondiale) and computer with program	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/21 17:27
S48	9	("3934204"   "4210871"   "4742563"   "4926498"   "5159707"   "5303400"   "5345602"   "5345606"   "5710995").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/21 17:43
S49	11	("6141536").URPN.	USPAT	OR	ON	2006/09/21 17:48
S50	40	(same\$4 with program) and (switch\$4 with gain) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) with (channel or frequenc\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:21



## EAST Search History

S51	68	(same\$4 near3 program) and ((switch\$4 or chang\$3) near3 (channel or frequenc\$4)) and (monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and gain not S50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:21
S52	16	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4)) and (gain near2 control) and RDS and (radio with broadcast\$4) not S51	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:21
S53	204	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and (gain) and (radio with broadcast\$4) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:26
S54	4	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and (stor\$4 near3 gain) and (radio with broadcast\$4) not S51 not S52	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:26
S55	7	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and (stor\$4 near3 gain) and (radio with broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:40
S56	0	diversity.ti.ab. and (stor\$4 near3 gain) and (radio with broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:40
S57	1	diversity.ti.ab. and (stor\$4 near5 gain) and (radio with broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:43
S58	5	diversity and (stor\$4 near5 gain) and (radio with broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:52

## EAST Search History

S59	93	receiver and (stor\$4 near5 gain) and (radio with broadcast\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:52
S60	269	diversity and (stor\$4 near5 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 09:25
S61	43	diversity.ti,ab. and (stor\$4 near5 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 08:52
S62	16471	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and time	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:51
S63	6031	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and tim\$3 with (chang\$4 or switch\$4)with(channel or frequenc\$4 or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:54
S64	1538	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and tim\$3 with (chang\$4 or switch\$4)with(channel or frequenc\$4 or signal) and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 10:59
S65	168	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) near3 (channel or frequenc\$4 or signal)) and tim\$3 with (chang\$4 or switch\$4)with(channel or frequenc\$4 or signal) same gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:04
S66	120	(monitor\$4 or check\$4 or scan\$4 or screen\$4) with ((alternat\$4 or next or adjacent or neighbor\$4) adj3 (channel or frequenc\$4 or signal)) and tim\$3 with (chang\$4 or switch\$4)with(channel or frequenc\$4 or signal) same gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:14

## EAST Search History

S67	25982	tim\$3 near2 (slot or segment or interval) with (chang\$4 or switch\$4) with (channel or frequenc\$4 or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:16
S68	1008	tim\$3 near2 (slot or segment or interval) with (chang\$4 or switch\$4) with (channel or frequenc\$4 or signal) and diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:17
S69	465	tim\$3 near2 (segment or interval) with (chang\$4 or switch\$4) with (channel or frequenc\$4 or signal) and diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:22
S70	298	tim\$3 near2 (segment or interval) with (chang\$4 or switch\$4) with (channel or frequenc\$4) and diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:24
S71	103	tim\$3 near2 (segment or interval) with (chang\$4 or switch\$4) adj4 (channel or frequenc\$4) and diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:25
S72	201	tim\$3 near2 (segment or interval) with (chang\$4 or switch\$4) near3 (channel or frequenc\$4) and diversity	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:27
S73	164	tim\$3 near2 (segment or interval) with (chang\$4 or switch\$4) near3 (channel or frequenc\$4) and diversity and radio	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:28
S74	41	tim\$3 near2 (slot or segment or interval) with (chang\$4 or switch\$4) near3 (channel or frequenc\$4) and diversity and radio same broadcast\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 11:40
S75	68	reduc\$3 near3 gain and diversity and radio same broadcast\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:04
S76	334	diversity.ti.ab. and computer adj2 program	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:05

## EAST Search History

S77	12	diversity.ti,ab. and computer adj2 program and radio with broadcast\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 12:05
S78	18	(reduc\$4 or decreas\$4) near4 gain with iterat\$6 with (predefined or predetermined)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/25 18:43
S79	131	(reduc\$4 or decreas\$4) near4 gain with iterat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:49
S80	25	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 with (predefined or defined or predetermined or constant or fix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:38
S81	8	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 with (predefined or defined or predetermi4 or constant or fix\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:38
S82	8	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 with (predefined or defined or predetermi6 or constant or fix\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:38
S83	26	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 with (predefined or defined or predetermin\$3 or constant or fix)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:40
S85	1	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 and (monitor\$4 or check\$4) with (adjacent or alternat\$6) with frequenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:42
S86	123	(reduc\$4 or decreas\$4) near6 gain and (monitor\$4 or check\$4) with (adjacent or alternat\$6) with frequenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:43
S87	39	(reduc\$4 or decreas\$4) near6 gain and (monitor\$4 or check\$4) with (adjacent or alternat\$6) near3 frequenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/26 08:43

## EAST Search History

S88	118	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 and frequenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:48
S89	22	(reduc\$4 or decreas\$4) near5 gain with (iterat\$6 or repeti\$6 or reiterat\$6) same (predefined or predetermined or constant or fix\$4) not S88	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:48
S90	118	(reduc\$4 or decreas\$4) near5 gain with iterat\$6 and frequenc\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:48
S91	219	(reduc\$4 or decreas\$4) near4 gain with (iterat\$6 or reiterat\$6 or repeti\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:49
S92	131	(reduc\$4 or decreas\$4) near4 gain with iterat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:50
S93	88	(reduc\$4 or decreas\$4) near4 gain with (iterat\$6 or reiterat\$6 or repeti\$6) not S92	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/28 12:50
S94	23	("3934204"   "4210871"   "4742563"   "4926498"   "5159707"   "5303400"   "5345602"   "5345606"   "5710995").PN. OR ("6141536"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/05 17:38
S95	39	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and gain near3 reduc\$4 near3 iterat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 13:44
S96	134	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and (af or alternat\$5 adj1 frequenc\$4) near5 (monitor\$5 or check\$4) and gain near2 control\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 13:04

## EAST Search History

S97	55	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and (switch\$4 or chang\$5) near2 (agc or gain adj control) near4 (instantaneously or fast\$4 or prompt\$4 or quick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/06 10:48
S98	320	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (rds or drm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 14:40
S99	51	S98 and gain	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 14:38
S10 1	46	S99 and (time or slot or interval)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 14:38
S10 2	26	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (rds or drm) and (monitor\$4 or switch\$4) near9 (different or alternat\$4) near4 (channel or frequenc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 14:56
S10 3	7	("5151922"   "5222254"   "5390343"   "5404588"   "5493711"   "5535442"   "6385440").PN. OR ("6961548").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 14:47
S10 4	103	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (gain) and (monitor\$4 or switch\$4) near9 (different or alternat\$4) near4 (channel or frequenc\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 16:45
S10 5	36	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (gain) and (rds or drm or radio near data or broad\$cast\$4) and (monitor\$4 or switch\$4) near9 ((different or alternat\$4) near4 (channel or frequenc\$4) or af)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 15:02

## EAST Search History

S10 6	10	("5220682"   "5349699"   "5428825"   "5428827"   "5471662"   "5548828"   "5745845").PN. OR ("6094568"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 15:14
S10 7	4	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (gain) and drm	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 18:33
S10 8	15	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-234.1.ccls. and (gain) and (monitor\$4 or check\$4 or switch\$4) near6 (alternat\$4 near2 (frequenc\$4 or channel) or af)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 18:55
S10 9	21	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and 455/150.1-200.1,230-268.ccls. and (gain) and (monitor\$4 or check\$4 or switch\$4) near6 (alternat\$4 near2 (frequenc\$4 or channel) or af)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 18:58
S11 0	6	S109 not S108	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 18:56
S11 1	107	(@ad   @pt1d   @frpd   @read   @rlad   @ptad) < "20021220" and "455".clas. and (gain) and (monitor\$4 or check\$4 or switch\$4) near6 (alternat\$4 near2 (frequenc\$4 or channel) or af)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 10:53
S11 2	86	S111 not S109	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/03 19:00
S11 3	6	("20010044288"   "5673266"   "5771374"   "6141353"   "6226337"   "6522866").PN. OR ("7224675").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:18